* Insert into [PACKAGE\_BUILD].[dbo].[DATASAFE\_ODS\_PACKAGE\_XML]

INSERT INTO PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_XML](XMLData)

SELECT CONVERT(VARCHAR(MAX), BulkColumn) AS BulkColumn

FROM OPENROWSET(BULK 'C:\SG\ODS\_Template.dtsx', SINGLE\_BLOB) AS x;

* Insert into PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]

USE DATASAFE\_ODS

INSERT INTO PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]

([SOURCE\_TABLE\_NAME]

,[TARGET\_TABLE\_NAME]

,[TASK\_1\_CODE]

,[TASK\_3\_CODE]

,[PACKAGE\_NAME]

)

SELECT TABLE\_NAME,

TABLE\_NAME,

'SELECT DISTINCT BATCH\_AS\_OF\_DATE FROM ' + TABLE\_NAME + ' WHERE BATCH\_AS\_OF\_DATE IS NOT NULL ORDER BY BATCH\_AS\_OF\_DATE',

'DELETE FROM STAGE..' + TABLE\_NAME + ' WHERE BATCH\_AS\_OF\_DATE = ?',

'ETL\_LOAD\_DATASAFE\_ODS\_' + TABLE\_NAME

FROM INFORMATION\_SCHEMA.TABLES

* Update TASK\_2\_CODE Column on PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]

Execute stored procedure [dbo].[GenerateMergeStatement] with table name as the input parameter. Then execute a UPDATE SQL on PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE] table for updating TASK\_2\_CODE column with the merge SQL.

For BRANCH –

UPDATE [PACKAGE\_BUILD].[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]

SET TASK\_2\_CODE = '

INSERT INTO BRANCH

SELECT BR\_CD, BR\_DESC, CURRENT\_FLAG, HASHBYTES\_VALUE, PROCESS\_FLAG, BATCH\_AS\_OF\_DATE, DW\_INSERT\_DATE, DW\_UPDATE\_DATE

FROM (

MERGE [dbo].[BRANCH] AS T

USING (SELECT \* FROM STAGE..BRANCH WHERE BATCH\_AS\_OF\_DATE = ?) as S

ON ( T.[BR\_CD] = S.[BR\_CD] AND T.CURRENT\_FLAG =1 )

WHEN NOT MATCHED BY TARGET THEN

INSERT VALUES(BR\_CD, BR\_DESC, 1, HASHBYTES\_VALUE, 1, BATCH\_AS\_OF\_DATE, GETDATE(), GETDATE())

WHEN MATCHED AND (T.HASHBYTES\_VALUE != S.HASHBYTES\_VALUE)

THEN UPDATE SET T.CURRENT\_FLAG = 0, T.DW\_UPDATE\_DATE = GETDATE()

OUTPUT $Action Action\_Out, S.BR\_CD, S.BR\_DESC, 1 CURRENT\_FLAG, S.HASHBYTES\_VALUE, 1 PROCESS\_FLAG, S.BATCH\_AS\_OF\_DATE, GETDATE() DW\_INSERT\_DATE, GETDATE() DW\_UPDATE\_DATE)

AS MERGE\_OUT

WHERE MERGE\_OUT.Action\_Out= ''UPDATE'';'

WHERE TARGET\_TABLE\_NAME = 'BRANCH'

* Update XML\_CODE column on PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]
  + Update XML\_CODE from ULTRADATA\_ODS\_PACKAGE\_XML table

UPDATE PACKAGE\_BUILD..[DATASAFE\_ODS\_PACKAGE\_CODE]

SET XML\_CODE = X.XMLData

FROM PACKAGE\_BUILD..DATASAFE\_ODS\_PACKAGE\_XML X

* + Update XML\_CODE on ULTRADATA\_ODS\_PACKAGE\_CODE with TASK\_1\_CODE

UPDATE PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]

SET XML\_CODE = P.UPDATED\_XML

FROM PACKAGE\_BUILD..[DATASAFE\_ODS\_PACKAGE\_CODE] PC

INNER JOIN (SELECT TABLE\_ID, I.XML\_CODE, REPLACE(I.XML\_CODE, 'SELECT DISTINCT CAST(GETDATE() AS DATE) AS DATE\_PART',I.TASK\_1\_CODE) UPDATED\_XML

FROM PACKAGE\_BUILD..[DATASAFE\_ODS\_PACKAGE\_CODE] I

) P ON PC.TABLE\_ID = P.TABLE\_ID

* + Update XML\_CODE on ULTRADATA\_ODS\_PACKAGE\_CODE with TASK\_2\_CODE

UPDATE PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]

SET XML\_CODE = P.UPDATED\_XML

FROM PACKAGE\_BUILD..[DATASAFE\_ODS\_PACKAGE\_CODE] PC

INNER JOIN (SELECT TABLE\_ID, I.XML\_CODE, REPLACE(I.XML\_CODE, 'SELECT ?',I.TASK\_2\_CODE) UPDATED\_XML

FROM PACKAGE\_BUILD..[DATASAFE\_ODS\_PACKAGE\_CODE] I

) P ON PC.TABLE\_ID = P.TABLE\_ID

* + Update XML\_CODE on ULTRADATA\_ODS\_PACKAGE\_CODE with TASK\_3\_CODE

UPDATE PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]

SET XML\_CODE = P.UPDATED\_XML

FROM PACKAGE\_BUILD..[DATASAFE\_ODS\_PACKAGE\_CODE] PC

INNER JOIN (SELECT TABLE\_ID, I.XML\_CODE, REPLACE(I.XML\_CODE, 'SELECT 3, ?',I.TASK\_3\_CODE) UPDATED\_XML

FROM PACKAGE\_BUILD..[DATASAFE\_ODS\_PACKAGE\_CODE] I

) P ON PC.TABLE\_ID = P.TABLE\_ID

* + Update XML\_CODE on ULTRADATA\_ODS\_PACKAGE\_CODE to change default package name to correct name based on the table name

UPDATE PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]

SET XML\_CODE = P.UPDATED\_XML

FROM PACKAGE\_BUILD..[DATASAFE\_ODS\_PACKAGE\_CODE] PC

INNER JOIN (SELECT TABLE\_ID, I.XML\_CODE, REPLACE(I.XML\_CODE, 'ETL\_ODS\_LOAD\_TEMPLATE',I.PACKAGE\_NAME) UPDATED\_XML

FROM PACKAGE\_BUILD..[DATASAFE\_ODS\_PACKAGE\_CODE] I

) P ON PC.TABLE\_ID = P.TABLE\_ID

* Generate BCP Script

SELECT 'bcp "SELECT [XML\_CODE] FROM PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE] WHERE TARGET\_TABLE\_NAME = ''' + T.TABLE\_NAME

+ '''" queryout C:\SG\' + T.PACKAGE\_NAME + '.dtsx -c -T -S OADEVSERVER2012\M360\_OA\_00000 '

FROM (SELECT TARGET\_TABLE\_NAME TABLE\_NAME , PACKAGE\_NAME FROM PACKAGE\_BUILD.[dbo].[DATASAFE\_ODS\_PACKAGE\_CODE]) T